

Anti-Perilipin-1 antibody ab3526

★★★★☆ [16 Abreviews](#) [111 References](#) [画像数 2](#)

製品の概要

製品名	Anti-Perilipin-1 antibody
製品の詳細	Rabbit polyclonal to Perilipin-1
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt, IHC-P, WB, ICC, IHC-FoFr
種交差性	交差種: Mouse, Rat, Cow, Dog, Human, Rhesus monkey
免疫原	Synthetic peptide corresponding to Rat Perilipin-1 aa 500-600. (Peptide available as ab5009) Run BLAST with Run BLAST with
ポジティブ・コントロール	ICC: mouse 3T3-L1 cells; WB: mouse 3T3-L1 cells
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.01% BSA
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab3526の使用に適用されます

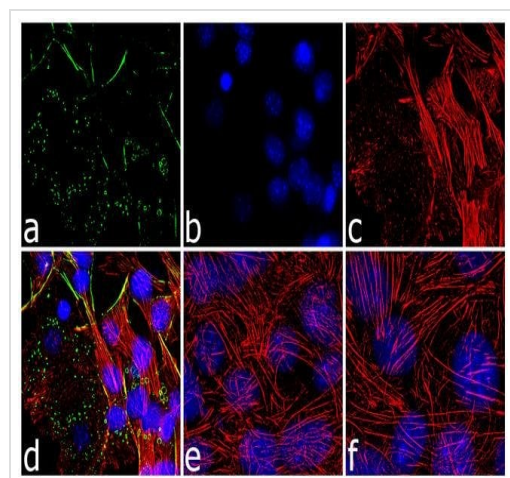
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use at an assay dependent concentration.
IHC-P	★★★★★ (6)	Use at an assay dependent concentration.
WB	★★★★★ (2)	1/1000 - 1/4000. Can be blocked with Perilipin-1 peptide (ab5009) . By Western blot, this antibody detects an ~62 kDa protein representing Perilipin-1 from 3T3-L1 cell extract.
ICC		Use a concentration of 2 µg/ml.
IHC-FoFr		Use at an assay dependent concentration. PubMed: 20049087

ターゲット情報

機能	Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect them from breakdown by hormone-sensitive lipase (HSL). Its absence may result in leanness.
組織特異性	Adipocytes.
配列類似性	Belongs to the perilipin family.
翻訳後修飾	Major cAMP-dependent protein kinase-substrate in adipocytes, also dephosphorylated by PP1. When phosphorylated, may be maximally sensitive to HSL and when unphosphorylated, may play a role in the inhibition of lipolysis, by acting as a barrier in lipid droplet.
細胞内局在	Lipid droplet. Lipid droplet surface-associated.

画像

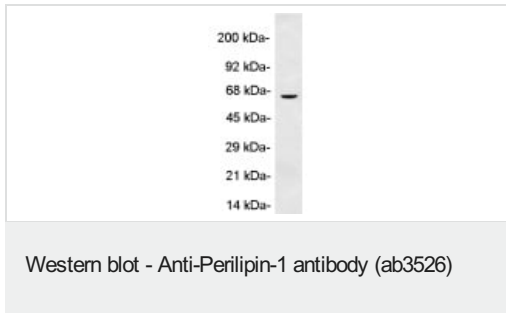


Immunocytochemistry - Anti-Perilipin-1 antibody (ab3526)

Immunocytochemistry analysis of 3T3-L1 cells (Mouse embryonic fibroblast cell line), 4% paraformaldehyde fixed (10 minutes) permeabilized with 0.1% Triton™ X-100 (10 minutes), and blocked with 1% BSA for (1 hour).

Perilipin A was labeled with ab3526 at 2 µg/ml in 0.1% BSA and incubated for 3 hours at room temperature with secondary antibody: Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate at a dilution of 1:2000 for 45 minutes at room temperature (Panel A: green).

Panel B: Nuclei were stained with DAPI (blue); Panel C: (red) F-actin stained with Alexa Fluor® 555 Rhodamine Phalloidin 1:300. Panel D: merged image showing cytosolic localization; Panel E: untreated; Panel F: control cells with no primary antibody.



Western blot detection of Perilipin-1 in 3T3-L1 cell extract using ab3526.

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